

IN THE CLAIMS

ai 1. (Currently Amended) A transmission assembly comprising:

a transmission having a member movable about a pivot between a plurality of gear positions;

a shift lever operatively connected to said pivot for manipulating said member, said shift lever having a first center of mass at a first location relative to said pivot; and

a counterbalance operatively connected to said shift lever and having a second center of mass at a second location relative to said pivot different than said first location, producing a total center of mass for said shift lever located between said first location and said second location at a third location relative to said pivot, said third location different from said first location in three different dimensions.

2. (Original) The transmission assembly of Claim 1 wherein said first location comprises a first horizontal location and a first vertical location and said second location comprises a second horizontal location and a second vertical location wherein said total center of mass is located between said first horizontal location and said second horizontal location.

3. (Original) The transmission assembly of Claim 2 wherein said total center of mass is horizontally located closer to said pivot than said first horizontal location.

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4. (Original) The transmission assembly of Claim 1 wherein said first location comprises a first horizontal location and a first vertical location and said second location comprises a second horizontal location and a second vertical location wherein said total center of mass is located between said first vertical location and said second vertical location.

5. (Original) The transmission assembly of Claim 4 wherein said total center of mass is vertically located closer to said pivot than said first vertical location.

6. (Original) The transmission assembly of Claim 1 wherein said first location comprises a first horizontal location and a first vertical location and said second location comprises a second horizontal location and a second vertical location wherein said total center of mass is located between said first vertical location and said second vertical location and between said first horizontal location and said second horizontal location.

7. (Original) The transmission assembly of Claim 1 wherein said counterbalance comprises an isolator including a counterbalance mass and a resilient connection between said counterbalance mass and said shift lever reducing vibration of said shift lever during vehicle operation.

8. (Original) The transmission assembly of Claim 1 including a housing supporting said pivot wherein said counterbalance is located at least partially outside of said housing.

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9. (Original) The transmission assembly of Claim 1 including a housing supporting said pivot wherein said pivot is located at least partially inside of said housing.

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10. (Original) The transmission assembly of Claim 1 wherein said first center of mass generates a first moment urging said member in a first direction out of one of said gear positions and said second center of mass generates a second moment in a second direction opposite said first direction to maintain said member in a desired gear position.

11. (Original) The transmission assembly of Claim 10 wherein a predetermined resistance level maintains said member in said desired gear position and said first moment is greater than said predetermined resistance level and the sum of said first and second moment is less than said predetermined resistance level.

12-20. Withdrawn.

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21. (New) A transmission assembly comprising:

02 a transmission having a member moveable about a pivot between a plurality of gear positions;

a shift lever operatively connected to said pivot for manipulating said member, said shift lever having a first center of mass at a first location relative to said pivot; and

a counterbalance operatively connected to said shift lever and having a second center of mass at a second location relative to said pivot different than said first location, producing a total center of mass for said shift lever located between said first location and said second location at a third location, said third location different from said first location in two different horizontal dimensions.
